

Flying into the Future: Technologies Moving the NAS Forward

New Technologies Workshop III

January 9 and 10, 2007

Sheraton National Hotel

Arlington, VA

PLANNED AGENDA AS OF NOVEMBER 15, 2007

9 January (Day 1)

Morning Session – Theme: Plans for the Future

7:00 - 8:30 Registration. **Exhibit Hall open**

8:30 - 8:45 Opening Remarks
John McGraw, Manager,
Flight Technologies and Procedures
Division

8:45 – 9:00 Welcome and Introduction of Keynote Speaker
Jim Ballough, Director, (invited)
Flight Standards Service

9:00 - 9:15 Keynote Address:
Dramatic Differences
And We've Only Just Begun
Nick Sabatini
Associate Administrator for Aviation Safety

9:15 – 10:00 Joint Planning and Development Organization:
TBD
Robert Pierce, Deputy Director,
Next Generation Air Transportation System
Joint Planning and Development Office

Steve Fisher, Executive Director,
Next Generation Aviation Transportation
System Institute

Question and Answer Session

10:00 - 10:30 Break. **Exhibit Hall open**

10:30 - 11:30 Performance-based National Airspace System
Jeff Williams, Program Manager
RNAV/RNP Group
FAA Air Traffic Organization

Dave Nakamura, Technical Fellow
CNS Technical Standards and Regulations
Boeing Commercial Airplanes

Question and Answer Session

11:30 - 1:00 Lunch. **Exhibit Hall open**

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Afternoon Session

1:00 - 2:30 The Move Toward Performance-based Navigation:
Unrealized Expectations and Unintended Consequences

Making Ground-based GNSS
Landing Systems a Reality

Keith McPherson, Manager
Global Navigation Satellite Systems
Airservices Australia

From Cruise to Landing: There's More Than One Way to Get There

Tailored Approaches

Rob Mead, Senior Systems Engineer
Boeing Phantom Works

Green Approaches

Keith Wichman
Smiths-Aerospace

Strategic Lateral Offsets

Madison Walton, Lead
Oceanic Cell,
Flight Technology Requirements Branch

Question and Answer Session

2:30 - 3:00 Break. **Exhibit Hall open**

3:00 - 4:00 Synthetic Vision and
Enhanced Flight Vision Technologies

Terry Stubblefield
Flight Operations Branch

Mike Venables (invited)
Senior Marketing Manager
CMC Electronics

Question and Answer Session

4:00 - 7:00 **Exhibit Hall open**

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10 January (Day 2)

Morning Session – Theme: Innovative Entrepreneurs and the NAS

8:30 - 10:00 Very Light Jets and More:

Airplanes Alone Do Not a Revolution Make.

Incorporation of VLJs into the NAS

Jack Harrington

Vice President, Business Affairs

Eclipse Aviation

Cockpit Weather and the VLJ

Tenny Lindholm

Manager, General Aviation Programs

Engineering Group

National Center for Atmospheric Research

Electronic Flight Bag

Rita Schaaf

Automation Manager, Flight Operations

United Airlines

Question and Answer Session

10:00 - 10:30 Break. **Exhibit Hall open**

11:30 - 1:00 Lunch. **Exhibit Hall open**

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Afternoon Session – Creating a NAS for all Users

1:00 - 1:30	The Challenge of Performance-Based Air Traffic Management: The Role of New Aviation Technologies	Russ Chew Chief Operations Officer, Federal Aviation Administration
1:30 – 2:30	Automatic Dependent Surveillance – Broadcast	Vincent Capezzuto, Manager Surveillance and Broadcast Services FAA Air Traffic Organization
2:30 - 3:00	Break. Exhibit Hall open	
3:00 - 4:30	Unmanned Aircraft Systems (UAS) Pilotless Flight into the Future: An Integration Challenge	Doug Davis, Manager UAS Program Office Aviation Safety Organization
		Jed Sturman, Vice President UAV National Industry Team, and, Director, Advanced Unmanned Systems Boeing Phantom Works
	Augmented Cognition and UAV's	LT Jefferson D. Grubb, Ph.D. Aviation Human Systems Integration Laboratory, Naval Air Systems Command
	Question and Answer Session	
4:30 – 4:45	Workshop Wrap-up	
5:00	Exhibit Hall closes	